

19971228.qrp v00_n953.qrs.971228

Date: Sun, 28 Dec 1997 19:03:13 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 953

QRP-L Digest 953

Topics covered in this issue include:

- 1) [33781] Re: Beginners and QRP
by "Bob Kellogg" <ae4ic@nr.infi.net>
- 2) [33782] e-mail address for Dan's Small Parts
by Joseph Trombino jr <joebarb@wilmington.net>
- 3) [33783] CD-versus print
by K3TE <qrp@earthlink.net>
- 4) [33784] RE:SST1JA or SST1JB
by kc5los@juno.com (Jesse T Royall)
- 5) [33785] Re: Homebrew antennas
by w4bws@juno.com (Donald E Sanders)
- 6) [33786] Pixie questions
by Dave & Connie Matthews <dmatt@frontiernet.net>
- 7) [33787] Re: Amazing QRP Opening to Europe
by Joe Gervais <vole@primenet.com>
- 8) [33788] Re Band opening to Europe
by "Lawrence T. Owens" <w4dec@dibbs.net>
- 9) [33789] Converting CB's to 10M
by "Brandon Brinkley" <ac4ou@mail2.wilmington.net>
- 10) [33790] Re:Amazing Qrp Opening to Europe
by Jim/N0UR <LAGESON@worldnet.att.net>
- 11) [33791] Re: Scope sources.
by Chris Trask <ctrask@primenet.com>
- 12) [33792] Decemeber 1997 "NWQ Newsletter" -- TEXT version
by SCN User <nwqrp@scn.org>
- 13) [33793] Pixie/40-9er Ruff Tonite
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 14) [33794] WQ6RP Pixie/40-9er Saturday Results
by "Paul Carreiro, N6EV" <n6ev@badger1.net>
- 15) [33795] WQ4RP Results for 12/27
by Randy Hargenrader <randyh@harksystems.com>
- 16) [33796] Pixie test
by "KA5T Larry Wise" <lewise@inetport.com>
- 17) [33797] Re: Books vs CDs
by kc5los@juno.com (Jesse T Royall)
- 18) [33798] Pixie/49er Contest happenings, &c.
by gsurrency@juno.com (Gary Surrency)
- 19) [33799] G5RV antenna

- by "Krister Eriksson" <krister.eriksson@goteborg.mail.telia.com>
- 20) [33800] Re: Pixie/40-9er Ruff Tonite
by Brian Kassel <bkassel@dancris.com>
- 21) [33801] Pixie/49er Contest happenings
by Brian Kassel <bkassel@dancris.com>
- 22) [33802] Re: SST1JA or SST1JB
by "George T. Baker" <w5yr@swbell.net>
- 23) [33803] Paraguay on 30m - 0746Z
by Joe Gervais <vole@primenet.com>
- 24) [33804] Re: G5RV antenna
by "kc1di/dave" <elim@ime.net>
- 25) [33805] Propagation predictions
by ea8yu Goran <rodriguez@jet.es>
- 26) [33806] Modeling loads and transmission lines: part 3
by "L. B. Cebik" <cebik@utkx.utcc.utk.edu>
- 27) [33807] Pixie contest, success on night #2 -- my Pixie got one QSO -- Yeah!!
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 28) [33808] 17 Mtr QRP ?
by Chuck Carpenter <w5usj@webwide.net>
- 29) [33809] This is only a test
by "Thomas E. Fink" <n8qxb@harborcom.net>
- 30) [33810] Home-brew antenna
by n3aaz_qrp@juno.com (N3AAZ - John)
- 31) [33811] Thanks Re: QSLing Question
by Bob Roach <KE4QOK@worldnet.att.net>
- 32) [33812] Post by Donald Sanders
by Addi Pittman <cornea@vsta.com>
- 33) [33813] Re: Propagation predictions
by Steve Miller <kg7pv@teleport.com>
- 34) [33814] TNX Jim
by Zack Lau <zlau@arrl.org>
- 35) [33815] Practice, Practice, Practice...
by Richard Powell <ripowell@mpna.com>
- 36) [33816] New rig recommendations?
by "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
- 37) [33817] Pixie/49er Contest
by TonyDrumm@ibm.net (Tony Drumm)
- 38) [33818] SPOTS !!
by Joel Malman <malman@BBN.COM>
- 39) [33819] Re: Pixie/49er Contest happenings
by flydnq7x@primenet.com (Floyd Smithberg)
- 40) [33820] WTB: TenTec Argo 556
by "Bernard F. Gaffney, Jr." <n8pvz@concentric.net>
- 41) [33821] SPOTS !!
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 42) [33822] Re: Decemeber 1997 "NWQ Newsletter" -- TEXT version
by Bill Todd <bill@techline.com>
- 43) [33823] QRP RTTY TNX

by AlK0FRP <AlK0FRP@aol.com>
44) [33824] Knightlites Net
by "Bob Kellogg" <ae4ic@nr.infi.net>
45) [33825] 7X4AN now on 14.059 CQing 1717Z
by Zack Lau <zlau@arrl.org>
46) [33826] Center Frequency of IF Crystal Filters
by astone@erols.com
47) [33827] Bands are a-hoppin' in AZ too!
by Joe Gervais <vole@primenet.com>
48) [33828] FS: Ten Tec Argonaut 505
by "Jim (AL7FS), Nancy (KL7NY), Juliann (WL7MP) & Issei"
<larsennc@alaska.net>
49) [33829] crystals
by Rich Wilkerson <richqrp@home.com>
50) [33830] WTB: OHR WM-2 Wattmeter
by Jim/N0UR <LAGESON@worldnet.att.net>
51) [33831] Re: Center Frequency of IF Crystal Filters
by ori@juno.com (Ori K Mizrahi-Shalom)
52) [33832] Radio Shack
by "Ron Smith" <resmith@primenet.com>
53) [33833] Re: new rig
by "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
54) [33834] Loop Antennas
by tedkell@juno.com (Ted Kell)
55) [33835] Re: New rig recommendations?
by "Frank A. West" <ke6vhm@earthlink.net>
56) [33836] Coming to a neighborhood near You, FYBO '98
by wa5whn@juno.com
57) [33837] RE: Amazing QRP Opening to Europe
by "chuck munce" <k0gjx@classic.msn.com>
58) [33838] Re: Center Frequency of IF Crystal Filters
by bruce muscolino <w6toy@pop.erols.com>
59) [33839] Newbie question: Zero beat
by Yong Ku Cho <sungch@nwl.link.com>

Date: Sat, 27 Dec 1997 18:57:05 -0500
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: <KB9RPD@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [33781] Re: Beginners and QRP
Message-ID: <199712280005.TAA04502@mailhost.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Ted,

> But, if I can build my own radio (or buy an inexpensive built radio) and
> operate and 5 W or less...or better yet, in the mW range...with my own
> homebrew antenna...using just a plain old battery....now THAT is fun.
That's
> like doing it the old fashioned way!

I think you put your finger right on one of the reasons so many of us enjoy
QRP! There are other good reasons, but this one is very basic, and very
true.

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Probably, but not necessarily. -- Benny Hill

Date: Sat, 27 Dec 1997 19:18:27 -0500
From: Joseph Trombino jr <joebarb@wilmington.net>
To: QRP-L@Lehigh.EDU
Subject: [33782] e-mail address for Dan's Small Parts
Message-ID: <3.0.1.32.19971227191827.010511ac@wilmington.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang: Have been on postpone mode for past month or so and I need to get
an email address for Dan's Small Parts--does anyone on the list have Dan's
current email address?? Please respond directly to minimize bandwidth.

Cheers to all, it's good to be back:)!, Joe W2KJ (North Carolina)

email:

joebarb@wilmington.net

Date: Sun, 28 Dec 1997 00:17:10 +0000
From: K3TE <qrp@earthlink.net>
To: QRP-L@Lehigh.EDU
Subject: [33783] CD-versus print
Message-ID: <3.0.5.32.19971228001710.007a7950@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

As the Director of a medical college health science library, I professionally assess the use and utility of computer based reference products. The behavioral aspects are obvious at this point in the progression: Users prefer hard copy. The computer products offer only a pale indication to the real power yet to be revealed by full text searchable CD-ROM (or network) products. The browsing function is totally mis-understood by computer software designers - but not by users. I, myself still generate more ideas by flipping through the pages of the ARRL Handbook than by submitting text words to the CD-ROM index. It (the printed handbook) still handles a whole lot better in the field!

Robert M. Schnick, B.F.A., M.L.S.
Director, Educational Resources and Educational Technology
Lake Erie College College of Osteopathic Medicine
<http://www.qsl.net/k3te>

Date: Sat, 27 Dec 1997 19:33:52 EST
From: kc5los@juno.com (Jesse T Royall)
To: qrp-1@Lehigh.EDU
Subject: [33784] RE:SST1JA or SST1JB
Message-ID: <19971227.183428.8271.1.kc5los@juno.com>

Ron Smith Wrote:

I have noted that Ted Kell on Juno has not been able to receive the subject files. Has any other Juno user requested and not received these two files?
I find it odd that with Junos 61 K file limit, both 51K and 41K files have been undeliverable.

To those on Juno and interested....

With my experience Juno cannot attach a file to send nor can it receive a attached file .. I have tried to get software demos with no luck...Juno is a text based e-mailer only... I guess that means that you cannot request a download of a file also...But I have tried just about anyway I can think of to get files to me with no luck...

BTW, great group... I have been reading yalls posts and it has giv'in me the QRP bug... Though my wife is less excited about it and just means

more radios that we have to carry with us while we travel....Hard to keep things to a minimum... so all can carry is 2 Meters and 70 cm for packet....(I got lucky with that) but space is limited in the Suburban and not much room for anymore rigs..hehe...

Jess <kc5los@juno.com>

Date: Sat, 27 Dec 1997 19:43:38 EST
From: w4bws@juno.com (Donald E Sanders)
To: KB9RPD@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [33785] Re: Homebrew antennas
Message-ID: <19971227.205607.13671.0.W4BWS@juno.com>

Ted, go to your nearest dealer of MFJ products and get the \$15.00 rollup 300 ohm ribbon J-pole, it comes with coax, and hang it from ceiling with a hook or suction cup, or (your choice). You can hang it on the window also. They work well and are cheap enough.

Donald E. Sanders W4BWS
694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937
407-779-0222 Fax 407-779-0830
E-mail to w4bws@juno.com
My favorite QRP rig glows in the dark

Date: Sat, 27 Dec 1997 19:45:15 -0600
From: Dave & Connie Matthews <dmatt@frontiernet.net>
To: qrp-1@Lehigh.EDU
Subject: [33786] Pixie questions
Message-ID: <199712280050.TAA36458@node21.cwnet.frontiernet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Among the goodies under the tree were some Pixie blue file transfers. The battle plan is to build one for 40 and one for 80 - both novice :-(. I have two more transfers for later.....

The only novice band 80 meter crystal that I could find in the Dan's Small Parts catalog was 3.6864 Mhz. Is this a reasonable choice? The 80m novice QRP freq that I fould listed was 3.710. Where could I find one of the rocks for cheap? I have got to get that code speed back up above 4.99 wpm!

Other pixie question - the pads list a place for caps to rubber the crystal. Can I just put a small variable cap across then and use it for tuning? What would be an appropriate value?

The norcal paddles kit that was under the tree is pretty neat. Painted the base today.

Dave
KB2YWT

Date: Sat, 27 Dec 1997 18:09:23 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [33787] Re: Amazing QRP Opening to Europe
Message-ID: <199712280109.SAA07958@usr02.primenet.com>

Howdy,

Jim (N0UR) wrote:

> Here is a list of the stations I logged from 1400-1700Z, It
> was like being a fox, I had a pileup on me, I think someone
> must of put me on a packet cluster in Europe, I held a freq
> for 3 hours. [...]
>
> [INCREDIBLY JUICY LIST OF 2-WAY QRP DX STATIONS DELETED]

Aw geez.... All those just doubled over in painful
envy raise your hands! (Throws both hands high in
the air and waves them about frantically...) :-)

Congrats Jim! Lucky dog. Talk about sending off '97
with a bang! :)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"'Fraid nobody around here, understands my potato;
Think I'm only a Spudboy, looking for a real tomato." -DEVO

Date: Sat, 27 Dec 1997 19:22:37 -0600
From: "Lawrence T. Owens" <w4dec@dibbs.net>
To: qrp-1@Lehigh.EDU
Subject: [33788] Re Band opening to Europe
Message-ID: <34A5A9DD.57D2@dibbs.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Great going Jim,

I didn't have a chance to get on this morning. You neglected to say what band you were on. Perhaps 10 or 15 meters?

Any way some great QSO'S there hope you can get the cards.

It was great to work you in the contest.

73 es thanks to all.

Larry (W4DEC)

Date: Sat, 27 Dec 1997 20:32:04 +0000
From: "Brandon Brinkley" <ac4ou@mail2.wilmington.net>
To: qrp-1@Lehigh.EDU
Subject: [33789] Converting CB's to 10M
Message-ID: <199712280132.UAA11195@mail2.wilmington.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hello all:

Just wanted to see if anyone has had any luck with converting CB's to 10m.

Thanks,

Brandon Brinkley AC40U
brandon@wilmington.net
ac4ou@wilmington.net

Date: Sun, 28 Dec 1997 02:17:09 +0000
From: Jim/NOUR <LAGESON@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [33790] Re:Amazing Qrp Opening to Europe
Message-ID: <19971228021648.AAJ11784@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I guess I forgot to mention that I was on 20 meters, 14.060 this morning, Sorry!

72's Jim...NOUR

Date: Sat, 27 Dec 1997 19:35:45 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Thom <thom@li.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33791] Re: Scope sources.
Message-ID: <Pine.BSI.3.96.971227192149.9676B-1000000@usr01.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 27 Dec 1997, Thom wrote:

> Hi and happy holidays to all,
>
> I think I'm finally ready to break down and go for an Oscilloscope.
> Can someone tell me a reputable place to find one, and what features I
> should look for. I'll most like be using it on a casual basis on HF rigs.
>
> One poster a while ago suggested "Nuts and Volts" magazine, can anyone
> give me a mailing address for them (I'm limited to DOS so I can't access
> the Web).
>
> Thanks in advance for your help
>

Two sources come to mind immediately, which are R&S Surplus in Covina, California, and Western Test Systems, in Bloomfield, Colorado. Both can be found in Nuts & Volts, or we can provide further information if you wish.

I highly recommend the Tektronix 7000 series, specifically the

7603 (100 MHz) and the 7904A (500 MHz) with suitable vertical plug-ins and time bases, of which there are numerous to choose from. Myself, for the 7603 I'd use a pair of 7A26 verticals and the 7B53 time base. This will give you a good inexpensive 4-channel 100 MHz scope. For the 7904A, use a pair of 7A24 verticals and the 7B92A time base. This will become a 4-channel 200 MHz+ scope, with a horizontal bay left over for something like a 7D15 frequency counter. A 7704 mainframe will give you a nice 225 MHz 4-channel scope using the 7A24 verticals and a 7B82 time base, along with a 7B80 delayed time base. I'm just prejudiced towards the 7904A.

There are lots of other possible combinations, and the variety of plug-in options is enormous. What I've listed above is a cost-effective solution to your question.

You can't beat the 7000 series for overall value and versatility. It's too bad they stopped making it, but there's loads of it out there on the surplus market.

```

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     /  What's all this  \
    / extinct stuff, anyhow? \
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Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Sat, 27 Dec 1997 19:18:37 -0800 (PST)
From: SCN User <nwqrp@scn.org>
To: nwq-1@scn.org, qrp-1@Lehigh.EDU
Subject: [33792] Decemeber 1997 "NWQ Newsletter" -- TEXT version
Message-ID: <Pine.SUN.3.96.971227191402.10339A-1000000@scn>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

QRPers of the World,

The NorthWest QRP Clubs's NWQ Newsletter for Decemeber 1997 is now
online in the "Low-Graphics" (mostly text) version at ...

http://www.scn.org/ip/nwqrp/
nwqnews.html

You will also find a link there to the "High-Graphics Version" which
Bill Todd, N7MFB put up on his site a few weeks ago.

Take your pick ... we aim to please!

--Brian, KV9X

i	NorthWest QRP Club	-----
==[scn]==		--0---/\--
) (	nwqrp@scn.org	/^\^\/ ^^\
/_ _\ 	http://www.scn.org/IP/nwqrp	--NW QRP--

Date: Sat, 27 Dec 1997 22:15:43 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>
Subject: [33793] Pixie/40-9er Ruff Tonite
Message-ID: <199712272217_MC2-2D58-4A6C@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Well it was a dogfight in there tonight. Finally managed to snag only
eight tonight, compared to 10 last evening. What made it really rough
was the RTTY and loud QSO's right on my xtal-controlled frequency.

Here is the log:

W8YBO	569	469	OH	??	Oren
W5VBO	559	559	AZ	TT	Brian
AA0SM	569	559	MN	49	Tony (local in Rochester!!)
NF0Z	559	339	AZ	??	Larry
AB7MY	549	549	AZ	SS	Gary
WQ6RP	559	449	CA	KW	Paul
W6BAB	549	569(!)	CA	OH	Harvey
AC6LA	559	549	CA	KW	Dan

Heard other stations calling at times. Once or twice I thought we were in QS0. So I sent the exchange....only to hear NADA when I went back. Oh Well. Sorry if I missed you. Did my best. Maybe tomorrow evening :-).

Setup = Pixie-II at 300 milliwatts out to TNT/2 Windom at 30 feet. Emtech ZM-1 tuner. Was able to raise the antenna by three feet. Went back to Windom, which is a proven DX and FOX hunting skywire!

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqc 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL QRP WAS 44/42
DXCC 73/44 Grid EN34 <>< FOX Total 12/24/97 = 21. The FOX 11/25/97.

Omni V Corsair I Yaesu 900AT Sierra Norcal 40a SW-40 49er
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D Matchbox GAP
TNT/2 Windom SLV/W6MMA G5RV Timewave 599zx Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Sat, 27 Dec 1997 19:18:22 -0800
From: "Paul Carreiro, N6EV" <n6ev@badger1.net>
To: qrp-l@Lehigh.EDU
Subject: [33794] WQ6RP Pixie/40-9er Saturday Results
Message-ID: <3.0.32.19971227191820.0076af2c@mail.badger1.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Saturday

Call	- WQ6RP
Operator	- Paul, N6EV
Rig	- Kenwood TS-690SAT @ 5W
Antenna	- R7000 @ 30Ft, 135ft Doublet @ 40ft

Stations worked / Rig

W8FT / A0

W5VBO / TT

KJ5TF / 49

K0EVZ / PX

NQ7X / 49

KI7MN / OH

AB7MY / SS

W0CLR / KW

RV0AM 599-029 !! Nobody said this was a DX contest!

All stations worked on or around 7.040.

Nothing heard on 80 mtrs despite calling on all listed freqs and 3.57945.

Felt better about tonight's effort.. a few more pixie/49ers in the list.

72/ZUT! Paul N6EV

Paul F. Carreiro - N6EV - ex-N6HCS - El Camino Village, CA

mailto:n6ev@badger1.net - <http://www.qsl.net/n6ev/>

QRP - Boatanchors - Glowbugs - Mobile CW - QRQ +45WPM - ZUT!

NorCal #367 - QRP-L #236 - QRP ARCI #8885 - FISTS #1407

SCQS #1 - Southern California QRP Society - WQ6RP

Zuni Loop Mountain Expeditionary Force (QRP Field Day) - K6ZNI

Date: Sat, 27 Dec 1997 22:23:43 -0800

From: Randy Hargenrader <randyh@harksystems.com>

To: qrp-l@Lehigh.EDU, KL QRP Group <klqrp@acpub.duke.edu>

Subject: [33795] WQ4RP Results for 12/27

Message-ID: <34A5F06F.A6A7CA4A@harksystems.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hey this is FUN!

40 meters was hoppin' tonite! I wished I could work all the stations I heard. Started out on 40 mtrs went to 80 at the hour and went back to 40 for the last 15 minutes. I used the 80/40-9ers and power out was about 1 watt to a OCFdipole fed with 450 ohm ladder line and tuner. There ARE Pixies out there! I worked 'em! (and they got 40 points for the effort!)

40 mtrs:

AA4XX SA
W8FT/C AO
WF4I SA
W4YNG 5W
KJ5TF 49

80mtrs:

WB4OFT HB
N1TP 5W
AA4XX SA
WF4I SA
AE4IC PX
K1CL YS
KU4AF PX

40mtrs:

WA2ECP SA

I had a ball gang! Thanks for being patient with my 89er and 49er!

--

73, Randy WJ4P

Knightlites QRP-L #296

Date: Sun, 28 Dec 97 03:31:05
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@Lehigh.EDU>
Subject: [33796] Pixie test
Message-ID: <199712280341.VAA20270@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Well that was a little better tonight...worked one 40-9er and a couple of other stations including N5KS in MS not in the test but QRP...

Stayed on 40 the whole two hours....Here's what I heard around 7040:

0103 38.78 W7MXQ - tried a couple of times..just couldn't it... 40-9er I think
0108 40.21 WQ4RP - couldn't make it tried a couple of times
0109 40.04 AA4XX 449 nc sa paul
0114 41.00 KJ5TF worked him later
0115 45.08 K7NSW probably qro
0117 35.34 N0AC working RAC
0118 37.09 VE2DPT working RAC
0132 38.85 W5VB0 559 az tt brian
0134 39.62 ???HAG de W7ELH

0136 40.74 W8FT/C 549 oh ao bill
0156 41.06 KJ5TF 5nn ar 49 jim - Booming in here
0202 40.33 KM5LM in QS0
0211 39.66 KM5MG working W5VBO
0212 39.28 K0EVZ right at the noise again at 0246 - tried...no joy
0217 41.58 HC4NJS about s5 here - anybody work him???
0220 39.03 K4PQC 49 phil working AA4XX - couldn't find him again...
0230 38.73 AB7UA good sig....didn't come back
0232 36.85 N5KS/QRP Gene Moselle, Ms 5w to inverted vee - s5 to s9
0244 39.25 K4WJR working W6EOT?? QR0??
0248 39.36 KI0II called a couple of times - no response....weak
0251 39.28 and elsewhere RV0AM swooped thru working stns....
???? 34.49 KJ4CD in QS0
???? 39.11 KF40NH in QS0

Larry KA5T lewise@inetport.com Georgetown, Texas

Date: Sat, 27 Dec 1997 23:04:13 EST
From: kc5los@juno.com (Jesse T Royall)
To: markem@primenet.com
Cc: qrp-l@Lehigh.EDU
Subject: [33797] Re: Books vs CDs
Message-ID: <19971227.220416.8271.0.kc5los@juno.com>

On Thu, 25 Dec 1997 21:44:58 -0700 "M.Monninger" <markem@primenet.com>
writes:
>bruce muscolino wrote:
>> ...
>> Back issues of any magazine, QST, 73, CQ, QRPP, and earlier editions
>of
>> Handbooks are scarce and tend to be pretty expensive when you find
>them. I
>> think I'm fortunate to have collected QST since the late 50s and
>other
>> magazines for similar periods. The availability of the CD ROM makes
>these
>> available to all for a reasonable price and they are not faced with
>the
>> issue of moving hundreds of pounds of paper each time they change
>houses!
>>

>True, however, as my buddy AI7R once pointed out, "It's hard to read a
>CD-ROM in the bathroom."

>

>:-)

>

>Best holiday wishes to all...

>

>Mark AA7TA

>

>

Gota agree with that.... Unless you have a laptop with a fully charged
set of batteries and a CD ROM then you got it made...Not to mention if you
get bored you got the games you can play with...

Jess <kc5los@juno.com>

Date: Sat, 27 Dec 1997 21:20:34 -0700

From: gsurrency@juno.com (Gary Surrency)

To: qrp-1@Lehigh.EDU, azqrp@user1.dancris.com

Subject: [33798] Pixie/49er Contest happenings, &c.

Message-ID: <19971227.212035.3446.0.gsurrency@juno.com>

Gang,

Had fun tonight working a few from this list on 40m and 80m. Heard WQ6RP
calling CQ 'test and local neighbor Bob, KI7MN and I called him. He came
back to Bob, who was probably using his new rotatable antler. ;-) No
problem, I simply QRXed until Bob finished and then tail-ended 'em. :-)
:-) Thanks for sweeping the QRM aside for me, Bob!

Also heard and worked Doc, K0EVZ who told me he was running 300mw with
his 49er. He was good copy, better than some of the Foxes I have worked
this year! :-) :-)

QSYed down to 3.560 Mhz and worked Brian, W5VBO who just happens to be a
ScQRPion fellow member. Now comes the interesting part. I was using my
40m indoor dipole with the MFJ-948 tuner on it. I called Brian a couple
of times, but all he did was ?? ??. So I pulled off the PL-259 connector
shell, and re-tuned the tuner. (!!) Now it is a quasi-Marconi antenna,
with the feedline (all 25 feet of it) in series with the flat-top
portion. It seemed to work a little better, 'cause this time Brian heard
me! I had no luck calling CQ myself, but I tried and listened for the
remainder of the 'test.

Lotsa fun on an otherwise boring night for the boob-tube.

BTW, the rigs used on both 40m and 80m were the S&S TAC-1 digital transceivers at 5 watts. Also used a PIEXX MC-1 keyboard with the keying relay ={: -p yanked out and a 2N7000 TMOS FET in its place. I also modified it to accept whatever current-hungry PC keyboard I want to use it with, since stock it only accepts the newer, low current draw CMOS chip keyboards. Email me if you are interested in the gory details, but really - it was a piece 'o cake! :-) This is one nice keyboard, since it allows you to key continuously with the Cntrl keys while you tweak your tuner. You can edit the F1-F8 memories with the cursor and insert / delete keys! And it hasn't gotten lock-jaw yet like my MFJ-452x does. Cool. Chuck? Are you still interested?

Also BTW, the TAC-1's allow both a paddle and keyboard / straight key to be attached simultaneously, so if the urge to hit the manual key hits you, you just start tapping or (slapping) away. Helps to keep the ol' fist up to par, and amazingly, the digital display of speed of the TAC-1 built-in keyer agrees with that of the keyboard controller. Fun to jump from key to keyboard and see if the other ham notices anything different.

PIEXX is on the www at <http://www.conknet.com/piexx/piexx/piexx.htm>
Standard disclaimers & etc. apply.

I just gotta get a real antenna for 80m. The last one I had just didn't cut the mustard, so I pulled it down and now I have nothing for 80m. This small city lot makes it real hard to put up anything that works, but doesn't draw attention. :-)

Thanks to all who participated in tonight's event. I'll try it again tomorrow, if time permits.

72 and Happy New Year! Thanks for another great year of QRP-L !

AB7MY

Gary Surrency

Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

Date: Sun, 28 Dec 1997 05:28:50 +0100
From: "Krister Eriksson" <krister.eriksson@goteborg.mail.telia.com>
To: "QRP-L Discussion" <qrp-l@Lehigh.EDU>
Subject: [33799] G5RV antenna
Message-ID: <01bd1349\$19879c20\$46a0c6c3@a00008207>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

HI and happy new year!

I like to know about the G5RV antenna, does anybody have info about this antenna, length of the wires etc etc construction details.

73 / SM6KRI

kristen.eriksson@goteborg.mail.telia.com

Date: Sat, 27 Dec 1997 21:48:11 -0800
From: Brian Kassel <bkassel@dancris.com>
To: 70511.3041@compuserve.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33800] Re: Pixie/40-9er Ruff Tonite
Message-ID: <34A5E81B.5976@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wilford D. Lindsey wrote:

>
> Gang:
>
> Well it was a dogfight in there tonight. Finally managed to snag only
> eight tonight, compared to 10 last evening. What made it really rough
> was the RTTY and loud QSO's right on my xtal-controlled frequency.

Doc et All:

Yea, QRM really tough at times. Doc's signal was at S-9 on my TT Argosy II through most of the two hour period! Those 300 Milliwatts must be very LARGE milliwatts to be sure! Once again, I am amazed at QRP's possibilities.

--
Brian Kassel W5VB0
ARCI # 3623
Phoenix AZ ScQRPions

Date: Sat, 27 Dec 1997 22:08:12 -0800
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@Lehigh.EDU>
Subject: [33801] Pixie/49er Contest happenings
Message-ID: <34A5ECCC.5E19@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow, much better results than last night!
I wound up with 15 QSO's, all on 40 except fellow ScQRPion, Gary, AB7MY
on 80M.

K0EVZ - Very nice, S-9 with 300MW!
WQ6RP - very nice and consistant signal
AA0SM
NQ7X - Nice signal from Floyd's 49 er on ground wave
KA5T
KC7APO
W6BAB
VE4KZ
KJ5MG
KI7MN
VE7ZAA
W0CLR
AA0X
K5ON - a really nice signal from NM, 10/S-9
AB7MY

It's hard to imagine that the PX/49'er folks are actually running
radios that fit in the palm of one's hand, are simple to build, and
cost about the same as two McDonald's "Happy Meals"!

Is this fun or what?

QRPP - the magic just never ends...

--

Brian Kassel W5VB0
ARCI # 3623
Phoenix AZ ScQRPions

Date: Sat, 27 Dec 1997 23:56:46 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: kc5los@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [33802] Re: SST1JA or SST1JB

Message-ID: <34A5EA1E.36736278@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jesse T Royall wrote:

>
> Ron Smith Wrote:
>
> I have noted that Ted Kell on Juno has not been able to receive the
> subject
> files. Has any other Juno user requested and not received these two
> files?
> I find it odd that with Junos 61 K file limit, both 51K and 41K files
> have
> been undeliverable.
>
> To those on Juno and interested....
>
> With my experience Juno cannot attach a file to send nor can it receive
> a attached file .. I have tried to get software demos with no
> luck...Juno is a text based e-mailer only... I guess that means that you
> cannot request a download of a file also...But I have tried just about
> anyway I can think of to get files to me with no luck...

I was using Juno a couple of years ago and finally had to change because of their inability to handle attachments. I complained, and offered to pay for the service. The president replied and stated that there was no way they could afford the equipment to handle attachments, and that they would never offer that service. So, I would say that this is not a temporary limitation.

--

73, George
Amateur Radio W5YR
QRP-L #1373
AutoPOWER Systems
Fairview, TX

Date: Sun, 28 Dec 1997 00:45:22 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [33803] Paraguay on 30m - 0746Z
Message-ID: <199712280745.AAA21981@usr02.primenet.com>

Howdy Folks,

Just worked ZP6CW on 10.101.7 MHz at 0746Z.
He's weak, but he's got darn good ears! Hmmm,
guess that adds some fodder for the whole
"not bothering with weak sigs" thread. :-)

Go get 'em! Paraguay makes DXCC #29 for me.
Wahoo! Just might get QRP DXCC before I retire
at this rate. *Then* what the heck will I do?!?

Oh yeah - big ranch, stacked monobanders, and
QRP DXCC Honor Roll.... Phew! For a moment
there I was worried I might get bored. :)

Happy weekend to all!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It happens sometimes. People just explode. Natural causes." -Repo Man

Date: Sun, 28 Dec 1997 04:53:21 -0500
From: "kc1di/dave" <elim@ime.net>
To: <kristen.eriksson@goteborg.mail.telia.com>, "Low Power Amateur Radio
Discussion" <qrp-l@Lehigh.EDU>
Subject: [33804] Re: G5RV antenna
Message-ID: <001601bd1376\$6fb2cf20\$36c65ad1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Kristen Eriksson <kristen.eriksson@goteborg.mail.telia.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Saturday, December 27, 1997 11:31 PM
Subject: G5RV antenna

>HI and happy new year!

>

>I like to know about the G5RV antenna, does anybody have info about this
>antenna, length of the wires etc etc construction details.

>

>73 / SM6KRI

>

>kristen.eriksson@goteborg.mail.telia.com

>

>

>

Hi ,

The G5RV is a very good nearly all band antenna.. it is a102 ft flat top
about 31.38 meters) or 51 ft (15.69 meters). Fed with 31 ft (9.5meters)
450 ohm ladder line or 29 ft (8.9 meters) 300 ohm line , the ladder line
then connects to at least 65
(20 meters) 75 or 50 ohm coax to the antenna tuner.. keep the ladder line as
near 90 degrees from the flattop as possible. and make a coil of about 6 or
8 turn so coax 6 inches in diameter at the point where it connect to the
ladder line. (you could use a commercial choke balun here or slip half a
dozen ferrite beads over the feedline , but the coil works ok. With this
arrangement the antenna will perform quite well on 80,40, 20, 17, 12 and 10
meters. It does not play well on 30 meters though with a good tuner you can
load it there.

you may want to look a w6rca's web pages where he talks extensively about
this antenna.

they are at

<http://people.delphi.com/CecilMoore/>

<http://www.geocities.com/CapeCanaveral/8476/>

Happy New Year

Dave Kc1di

Date: Sun, 28 Dec 1997 10:59:56 +0000
From: ea8yu Goran <rodriguez@jet.es>
To: qrp-1@Lehigh.EDU
Subject: [33805] Propagation predictions
Message-ID: <1.5.4.32.19971228105956.00677fec@jet.es>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello, and a happy new year to everyboddy.

I would like to call to your attention a exelent online propagations service which enables you to make point-to-point propagation calculations. The site also has actual and predicted solar indices, use the T-indice which can be seen as a sunspot number corrected for ionospheric data.

<http://www.ips.gov.au/asfc/current/predrfnew.html>

Saludos
Goran ea8yu

Date: Sun, 28 Dec 1997 08:00:49 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: towertalk@contesting.com, gqrp-l@blacksheep.org, QRP-L List <qrp-l@Lehigh.EDU>, antennas@qth.net, tenten-1@Lehigh.EDU
Subject: [33806] Modeling loads and transmission lines: part 3
Message-ID: <Pine.SOL.3.94.971228074914.20857F-100000@larry>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have just placed part 3 of the series on "modeling loads and transmission lines" at the site, the first of 2 sections on modeling transmission lines. Part 4 is yet to come. I hope the new section is of use to some folks.

Let me thank each of you who has visited the site--averaging about 2500 visits per month. This is, of course, gratifying, since it appears the effort of putting the various notes on line has been useful to a number of folks. Most of the items have resulted from interesting questions that have been raised on one or another e-mail list. I hope the notes continue to be useful in the future.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\ /\ *	/ / /	(Off) (423) 974-7215
1434 High Mesa Drive	/ \/ \/ \	----/\---	(Hm) (423) 938-6335
Knoxville, Tennessee	/\ \ \ \ /	/ / /	(FAX) (423) 974-3509
37938-4443 USA	/ \ \ \		cebik@utk.edu
URL: http://funnelweb.utcc.utk.edu/~cebik/radio.html			

Date: Sun, 28 Dec 1997 08:05:55 -0500
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: <qrp-1@Lehigh.EDU>
Subject: [33807] Pixie contest, success on night #2 -- my Pixie got one QSO --
Yeah!!
Message-ID: <199712281305.HAA00097@dfw-ix2.ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Well, finally got a successful score in the Pixie contest -- made one
contact. An infinite improvement from night #1 when no QSOs were made.
Must be the fresh 9v alkaline battery I clipped on :-).

I put about an hour into last night's effort -- will be there again
tonight. 7.0405 as best I can tell with my fixed freq, crystal controlled
Pixie II / MRX-40 combo. Rather than signing N4UY/QRPP, I'll try N4UY/PX
and see if that improves my CQ response rate.

73 and Happy Holidays,

Jake [N4UY] Vienna, VA (Washington DC suburbs)

QRP-L #821, G-QRP #9557, AK/QRP #175, CQrp #46,
NJ-QRP #74, NorCal#1457, ARCI #9392, FISTS #3450

WAS QRP W/C 49/47 (need HI)
WAS QRPp W/C 11/8 (200 milliwatts on a Pixie II / MRX-40 / Tick Keyer
combo)
DXCC-Pixie W/C 002/002

"...the harder the conflict, the more glorious the triumph. That which
we attain too cheap, we esteem too lightly." Thomas Paine, 12/23/1776

Date: Sun, 28 Dec 1997 07:16:27 -0600
From: Chuck Carpenter <w5usj@webwide.net>
To: qrp-1@Lehigh.EDU
Subject: [33808] 17 Mtr QRP ?

Message-ID: <3.0.1.32.19971228071627.006ad1c0@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Group,

Been attempting to work 17 mtrs and hearing lots of European stations working east coast US stations (e.g., Sat last, about 1430 UTC). Haven't had success working them myself yet. Are there frequencies where QRP stations are most likely to be? (Don't usually hear many stations above 18.090 or so.)

Best success and DX to all for the New Year

72/73
Chuck, W5USJ
Rains County (pop 6900), TX - EM22cv
ARCI # 5422, QRP-L # 1306, FISTS # 3984

Date: Sun, 28 Dec 1997 08:22:53 -0500
From: "Thomas E. Fink" <n8qxb@harborcom.net>
To: qrp-l@Lehigh.EDU
Subject: [33809] This is only a test
Message-ID: <199712281324.IAA18762@ns2.harborcom.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Test

Thomas E. Fink

n8qxb@harborcom.net
Thomas.Fink@uhhs.com

Date: Sun, 28 Dec 1997 08:44:46 EST
From: n3aaz_qrp@juno.com (N3AAZ - John)
To: kb9rpd@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [33810] Home-brew antenna
Message-ID: <19971228.084246.5223.0.n3aaz_qrp@juno.com>

Ted,

Ground-plane antennas (for ANY band) have a lot of advantages,
VERY EASY TO TUNE...

They work real good too!

I use them (2-meter) in my attic, on a boat and in an RV
and Field Day (HF supported from a tree)...

They can hang from a overhead fixture or
be supported using a length of PVC or aluminum tubing
and pushed up as high as you like,,,
with the coax running down the center...

Size for two meters:

One length of copper wire 19 and 5/16 inches,,,

Four lengths at 18 and 11/16 inches,,,

(type used for common house wiring, strip the insulation)...

Construction:

One vertical element soldered into the center pin of a female SO-239
bulkhead connector (the common "FAT" pin threaded "RADIO CONNECTOR"),,,
then solder or bolt (4-40 hardware) one radial into each flange hole,,,
the four radials are then bent and point down 45 degrees from
horizontal...

You are ready to go!!!

Tuning (IF NECESSARY):

Minor- change that 45 degree radial angle,,,

major- change the length of the vertical element...

Any type connector may be used see;

The ARRL Antenna Hand Book (17 Edition)

a) VHF/UHF pages 18-16/17

b) HF page 15-4

The ARRL Handbook (1990) page 33-31...

72-73

John

N3AAZ

ps...

Since this turned out to be a step-by-step construction project
(unexpected)

I decided to Cc: the "GROUP" a copy...
jk...

Date: Sun, 28 Dec 1997 13:53:21 +0000
From: Bob Roach <KE4QOK@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [33811] Thanks Re: QSLing Question
Message-ID: <19971228135319.AAA8619@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to everyone who replied to my question concerning DX QSLing. I have a good clear idea of what I am doing now so I can get on with it before I have to make it a New Year's Resolution.<GGG>

73 and Happy Holidays,
Bob
KE4QOK

Date: Sun, 28 Dec 1997 07:56:10 -0600 (CST)
From: Addi Pittman <cornea@vsta.com>
To: qrp-1@Lehigh.EDU
Subject: [33812] Post by Donald Sanders
Message-ID: <199712281356.HAA18391@rivendell.vsta.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Happy Holidays to all on this list. I have rerally enjoyed this list and I hope to continue in the future. Ive debated whether or not to comment on the "ethnic humor" post of Dec. 25. Ive decided to say only that it made me ashamed to have read it.I hope everyone has a great 1998.

72 B J Pittman
KC5HLO

Date: Sun, 28 Dec 1997 06:27:24 -0800
From: Steve Miller <kg7pv@teleport.com>

To: qrp-1@Lehigh.EDU
Subject: [33813] Re: Propagation predictions
Message-ID: <3.0.5.32.19971228062724.007a9100@mail.teleport.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:59 12/28/97 +0000, ea8yu Goran wrote:

>I would like to call to your attention a exelent online propagations
>service which enables you to make point-to-point propagation calculations.
>The site also has actual and predicted solar indices, use the T-indice
>which can be seen as a sunspot number corrected for ionospheric data.
>

><http://www.ips.gov.au/asfc/current/predrfnew.html>

>

>Saludos

>Goran ea8yu

>

This is a great site. Once I figured out how to enter the long/lat I ran a bunch of predictions. Check it out. 73

Steve Miller kg7pv @ teleport.com Portland, OR
(CN-85) Norcal #308 QRP-L #109 ARCI # 9230

Date: Sun, 28 Dec 1997 09:40:01 -0500
From: Zack Lau <zlau@arrl.org>
To: qrp-1@Lehigh.EDU
Subject: [33814] TNX Jim
Message-ID: <34A664C1.774@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Found that 7X4 under a bunch of Gs on 15M!--Zack W1VT

Bands still in great shape--page of Eu QRP stations already today.

Date: Sun, 28 Dec 1997 10:06:28 -0500
From: Richard Powell <ripowell@mpna.com>

To: qrp-1@Lehigh.EDU
Subject: [33815] Practice, Practice, Practice...
Message-ID: <1.5.4.32.19971228150628.006bca7c@smtp.mpna.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

OK, so practicing for a small contest, which is really just practice for a bigger contest, which is really just practice for emergency preparedness tests, which is really just practice for real public service, is sort of a goofy idea, but having 5 day's off in a row without going out in the field was driving me nuts!

So friday, the member's of Team Petaq Racing and Contesting (Myself and my Large Male Child), packed up the PETAQ-Mobile (a primer-brown '80 GLC) and headed out for Heuston Woods State Park (near Oxford, OH.) to (get this) Practice for FYBO. Well, we determined one thing in particular - It is NOT that hard to FYBO! In fact it is really easy! But I did manage to work a few stations, even with battery voltage hovering near 11v...

WV1T
KB1FK
W2TS
and
K4BCK

Gotta get a warmer sleeping bag.

73

/rick

Richard Powell WB6JBM TENTEN - 13044
ripowell@mpna.com <http://www.mpna.com/ripowell>
ripowell@jdrconsulting.com <http://www.jdrconsulting.com>

Date: Sun, 28 Dec 1997 22:37:15 +0800
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
To: qrp@pandora.lugs.org.sg
Subject: [33816] New rig recommendations?
Message-ID: <34a6641b.pandora@pandora.lugs.org.sg>

Hi,

I'm thinking of buying myself a new rig and was wondering if anyone here might have some good recommendations. Main use will be CW (in fact primarily so) and must have variable power control down to QRP levels.

Must have computer control capabilities with a strong preference for ICOM's protocol. Price wise, about mid-range so the FT-1000 is way out of my little league.

Currently I have the following in mind:-

IC-725a
IC-706 MkII
IC-736

TS-850S/AT

If you have experience with the ICOM rigs above I'd like to hear them. Thanks and a Happy New Year to all you guys. It's been a great year.

73 de 9V1ZV Daniel

--
+-----+-----+
Daniel Wee	daniel@pandora.lugs.org.sg
9V1ZV	
QRP-L #667	9V1ZV@amsat.org
+-----+-----+

Date: Sun, 28 Dec 1997 09:14:01 -0600
From: TonyDrumm@ibm.net (Tony Drumm)
To: qrp-l@Lehigh.EDU
Subject: [33817] Pixie/49er Contest
Message-ID: <199712281508.PAA36540@out5.ibm.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I thought I'd see what was happening with the contest last night. I did manage two QSOs in the hour I spent at the rig. Doc, K0EVZ, here in Rochester was a moderate signal that seemed to increase in strength after our QSO. Brian, W5VB0, had a signal that ranged from uncopiable to nearly 599.

But I managed one of my longest QSOs on my 49er to Brian in AZ. That darn thing just doesn't have the selectivity I've grown used to with my Sierra and my former OHR rigs. This is work!

72.
Tony Drumm
ARS AA0SM - Rochester, MN

Date: Sun, 28 Dec 97 11:06:16 EST
From: Joel Malman <malman@BBN.COM>
To: qrp-1@Lehigh.EDU
Subject: [33818] SPOTS !!
Message-ID: <199712281606.LAA26480@nss4.cc.Lehigh.EDU>

First thing you should do today (Sunday, 1600z as I send this).

TURN ON THOSE RIGS TO 15 METERS AND HIGHER !!
=====

Just as Paul predicted the bands are wide open! Go get those DX stations.

/joel wa1qvm

Date: Sun, 28 Dec 1997 09:23:27 -0700
From: flydnq7x@primenet.com (Floyd Smithberg)
To: bkassel@dancris.com, qrp-1@Lehigh.EDU
Subject: [33819] Re: Pixie/49er Contest happenings
Message-ID: <199712281623.JAA00274@smtp02.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Brian et al.....well you did much better than I with my dinky 49r. Heard you working others I couldn't raise...surprising what you can hear with the 49r...I was only able to work two others...W6BAB and WQ6RP during the test period but then QS0d Steve AB7UA afterwards using same 300mW and 33' vertical. Heard others, called them and CQd but no luck. Will try tonight again. Just had nice 5W QRP QS0 with DK2UR on 20M and find 15M open but 10M is quiet at this time. Having fun with MRP372 working keyboard and watching the cw confirm my ears :-)

>Wow, much better results than last night!
>I wound up with 15 QS0's, all on 40 except fellow ScQRPion, Gary, AB7MY

>on 80M.
>It's hard to imagine that the PX/49'er folks are actually running
>radios that fit in the palm of one's hand, are simple to build, and
>cost about the same as two McDonald's "Happy Meals"!
>Is this fun or what?
>QRPP - the magic just never ends...
>--
>Brian Kassel W5VB0
>ARCI # 3623
>Phoenix AZ ScQRPions
>
>
>
73 Floyd NQ7X Phoenix ScQRPion DM33uq QRP-L 343
ARRL AMSAT ARCI G-QRP NORCAL DX WRKD HF=324 SAT=101 QRP=108

Date: Sun, 28 Dec 1997 11:34:51 -0500
From: "Bernard F. Gaffney, Jr." <n8pvz@concentric.net>
To: qrp-l@Lehigh.EDU
Subject: [33820] WTB: TenTec Argo 556
Message-ID: <3.0.32.19971228113438.0068af3c@pop3.concentric.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anyone have a TenTec Argo 556 in good or better condition they'd like to
sell? Email me direct with particulars.

Tnx.

72/73 de N8PVZ

We are QRP	Bernard F. Gaffney, Jr. N8PVZ
Resistance is futile	MI-QRP# M-1152 QRP-ARCI# 9446
You will be assimilated	n8pvz@concentric.net
	http://www.concentric.net/~n8pvz/

Date: Sun, 28 Dec 1997 11:37:43 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:malman@BBN.COM" <malman@BBN.COM>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>

Subject: [33821] SPOTS !!
Message-ID: <199712281139_MC2-2D61-34A9@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Joel:

Yep, and 17 Metres is also open...and the ops are copying my QRP signal
FB. Someone wondered where?--on the *low* end. Setup here is Yaesu 900AT
to the GAP Titan AT.

Go for it everyone and Good Luck!

72/73,

--Doc/K0EVZ qrp-1 861 norcal 2050 cqz 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL QRP WAS 44/42
DXCC 73/44 Grid EN34 <>< FOX Total 12/24/97 = 21. The FOX 11/25/97.

Omni V Corsair I Yaesu 900AT Sierra Norcal 40a SW-40 49er
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D Matchbox GAP
TNT/2 Windom SLV/W6MMA G5RV Timewave 599zx Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Sun, 28 Dec 1997 08:50:52 -0800
From: Bill Todd <bill@techline.com>
To: nwq-1@scn.org
Cc: qrp-1@Lehigh.EDU
Subject: [33822] Re: Decemeber 1997 "NWQ Newsletter" -- TEXT version
Message-ID: <1.5.4.32.19971228165052.0070f53c@mail.techline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:18 PM 12/27/97 -0800, you wrote:

>QRPers of the World,

>

>The NorthWest QRP Clubs's NWQ Newsletter for Decemeber 1997 is now

>online in the "Low-Graphics" (mostly text) version at ...

<http://www.scn.org/ip/nwqrp/nwqnews.html>

Brian runs a great Web page, and his Dec "NWQ" is perfect for those who
would rather not see all the colors, animations, etc., and just get the

straight info.

Speaking of the official NW QRP Club page, if you are a NW QRP Club Member, be sure to update your E-mail address on the Membership Database--that is, is it has changed.

Also, check out the NWQ BBS where you can list equipment to sell, ask technical questions, report a lost dog (hi). etc. etc.

CUL, Bill-N7MFB

Date: Sun, 28 Dec 1997 11:55:00 EST
From: ALK0FRP <ALK0FRP@aol.com>
To: QRP-L@Lehigh.EDU
Subject: [33823] QRP RTTY TNX
Message-ID: <7e937db6.34a68466@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

THANKS FOR THE RESPONSE OF ALL THE STATIONS WHO ARE QRP READY ON RTTY.
STATIONS I KNOW WHO ARE RTTY READY QRP
KD7S, N1FN, AB0CD, W6ZH, KL7JAF, N3AAZ, AA1IK, KD4KZQ
I HOPE I DIDN'T MISS ANY ONE????
WORKED 4X6UO YESTERDAY 599 IN ISRAEL NOT BAD??
CONDITIONS ARE GOOD.

AL K0FRP

Date: Sun, 28 Dec 1997 11:51:54 -0500
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: "qrpforum" <qrp-l@Lehigh.EDU>
Subject: [33824] Knightlites Net
Message-ID: <199712281703.MAA12174@mailhost.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Gang,

The Knightlite sponsored Pixie/40-9er contest is very active on 3.6864, the Knightlite net frequency, and many of the rigs are crystal controlled with only a little room to maneuver.

So, for tonight only, let's cancel the Knightlite net. I was to be the net control station, but we are using the call in the contest as a multiplier. So, instead of the usual net on Sunday night at 9:30, lets all participate in the contest, and work WQ4RP for a X10 multiplier.

CUL,

Bob Kellogg, AE4IC, Greensboro, NC

Prolably, but not nececelery. -- Benny Hill

Date: Sun, 28 Dec 1997 12:24:17 -0500
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [33825] 7X4AN now on 14.059 CQing 1717Z
Message-ID: <34A68B41.768D@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Got him again today--Zack W1VT

Date: Sun, 28 Dec 1997 12:21:30 -0800
From: astone@erols.com
To: qrp-l@Lehigh.EDU
Subject: [33826] Center Frequency of IF Crystal Filters
Message-ID: <34A6B4CA.43E7@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi -- How far off will the actual center frequency of a typical 3-4 crystal Cohn or lattice type IF crystal filter be from the exact nominal value of the crystal -- i.e., 4.0 MHz, 12.0 MHz, etc. -- in a typical NE602 type QRP rig (e.g., SST, 38S, NN1G, etc.). The reason I'm asking is because I am thinking about building a very simple frequency counter to partly serve as an e-dial but it won't have offset capability. Of

course, one could mentally perform the offset but it would be nicer to largely avoid this. Would appreciate any insights/data that you might have.

72,

Ron (KA3J)
Bethesda, MD

Date: Sun, 28 Dec 1997 10:42:29 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [33827] Bands are a-hoppin' in AZ too!
Message-ID: <199712281742.KAA09241@usr09.primenet.com>

Howdy Folks,

Yep, bands are definitely hoppin'! Didn't get to work any of that nice 2xQRP DX that the NE QRPers were revelling in, but I did manage to sneak onto the low end of 20m and work Denmark, Italy, and Hungary - all new ones for me. Wahoo! Even worked Zack (W1VT) up in CT, so at least I got one 2xQRP QSO in there. :) Also heard England, Germany, Slovakia, France, etc. Not bad from AZ!

Had to QRT and let my wife take a nap though. Gotta earn those Hubby Points to balance out my Fox hunting. :-)

So tape those football games for later and get on the air! Hope to be on 15m in a few hours - please hold the bands open for me 'til I get there. :)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

2-Way QRP WAS: 49 (Need RI)

2-Way QRP DXCC: 7

QRP DXCC: 32 (Latest: Hungary, Italy, Denmark 12/28/97)

"QRP, Unix, MST3K and Babylon 5: The Four Pillars of Nerdvana" - Me

Date: Sun, 28 Dec 1997 08:58:50 -0900
From: "Jim (AL7FS), Nancy (KL7NY), Juliann (WL7MP) & Issei" <larsennnc@alaska.net>
To: qrp-1@Lehigh.EDU
Subject: [33828] FS: Ten Tec Argonaut 505
Message-ID: <34A6935A.479F@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale:

Ten Tec Argonaut 505. Not working. With Power Supply.

\$100 plus shipping.

73, Jim, AL7FS

--

Jim Larsen
Acupressure Anchorage
Anchorage, Alaska

Date: Sun, 28 Dec 1997 10:23:14 -0800
From: Rich Wilkerson <richqrp@home.com>
To: QRP-L <qrp-1@Lehigh.EDU>
Subject: [33829] crystals
Message-ID: <34A69912.7885E8AE@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have lost the name and address of the outfit we made group buy from,
he was out of Arizona.

Thanks

--

Rich Wilkerson
WD6FDD, Santee, Ca.
72's, 73's

Date: Sun, 28 Dec 1997 18:48:16 +0000
From: Jim/NOUR <LAGESON@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [33830] WTB: OHR WM-2 Wattmeter
Message-ID: <19971228184814.AAA21561@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am looking for a OHR WM-2 wattmeter, built or unbuilt. Want to try some MW on the higher freq's now 15 and 10 are opening.

Thanks, Jim...NOUR

Date: Sun, 28 Dec 1997 14:24:44 EST
From: ori@juno.com (Ori K Mizrahi-Shalom)
To: astone@erols.com
Cc: qrp-1@Lehigh.EDU
Subject: [33831] Re: Center Frequency of IF Crystal Filters
Message-ID: <19971227.144104.16103.1.ori@juno.com>

Hi Ron,

> Hi -- How far off will the actual center frequency of a typical 3-4
> crystal Cohn or lattice type IF crystal filter be from the exact
nominal
> value of the crystal -- i.e., 4.0 MHz, 12.0 MHz, etc. -- in a typical
> NE602 type QRP rig (e.g., SST, 38S, NN1G, etc.). The reason I'm asking

Depends on how you tune it - the value of the caps. Typical for 3-6 MHz
IF
at 500Hz width is a skew upwards of 500-800 Hz. But... continue reading!

> is because I am thinking about building a very simple frequency counter
> to partly serve as an e-dial but it won't have offset capability. Of

Now, BUT!

The receive frequency - what you e-dial shows - is not dependent on the
IF center frequency!

In a single-conversion receiver, it really is a function of the LO, BFO
and the audio pitch you like to listen to!

The IF center SHOULD be aligned to the BFO+(Audio pitch) or BFO-(Audio

pitch),
so you get a peak in the response curve and max output signal, but a
misaligned
radio does not shift the reception frequency, just gives you a tough time
hearing the signals at that frequency!

GL

ORI AC6AN

Date: Sun, 28 Dec 1997 12:30:28 -0700
From: "Ron Smith" <resmith@primenet.com>
To: "qrp-1@lehigh.edu" <qrp-1@Lehigh.EDU>
Subject: [33832] Radio Shack
Message-ID: <017601bd13c7\$2a64a320\$3522a5ce@primenet.com.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I noted in the recent Radio Shack catalog that they now have a Probe-style
Oscilloscope that can be connected to the computer for \$99.99. They also
have an opto-isolation cable for an additional \$29.99. They also have a new
Pocket-size LCD frequency counter for \$99.99. Naturally the information
provided in the catalog is very informative - NOT.

Has anyone on the list looked into these items as being useful for someone
just building a low-end workbench? I looked at the frequency counter - read
their documentation - but no mention of probe compatability. I know the
OHR100 needs a frequency counter with a 10-1 probe (which also is not sold
by Radio Shack.)

Thanks for any info.

Ron Smith

Amateur Radio Callsign: KD7VD
Southwest Idaho
E-mail: resmith@primenet.com
QRP-L #1291

Date: Mon, 29 Dec 1997 04:06:06 +0800
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
To: "Ori Mizrahi-Shalom" <ori@jps.net>
Cc: qrp@pandora.lugs.org.sg
Subject: [33833] Re: new rig
Message-ID: <34a6b12f.pandora@pandora.lugs.org.sg>

On Sun, 28 Dec 1997 11:05:55 -0800 (PST), "Ori Mizrahi-Shalom" <ori@jps.net> wrote:

> How are you doing? Any project with the Philips micros?

Not really. I coded some stuffs and recently found access to a programmer that can handle the micros. Probably will put in a memory keyer once I get around to figuring out a decent user interface. Should be pretty easy I think.

> Saw your post for a new rig.

> Unless you go mobile (might be a hassle in Singapore...), where the 706 is
> the favorite, I suggest you go with the TS850.

I've heard many good things about the 850 but what holds me back is the computer control. I'm a big fan of ICOM's CI-V. If I go over to Kenwood, I'll probably have to rewrite the logger that I have, and maybe rebuild the level converter interface. Would be nice if that could be avoided.

> The IC-725A and IC-706 MkII don't have what it takes for contests (in dynamic
> range) and tough conditions (in filtering).
> The IC-736 is a mid-pack ICOM, like the 737. I'm not familiar with the 736 but
> judging from the 737 and the new 756, it's inferior to the TS850.

Just how much inferior? I can get hold of a used IC-736 for around US\$700 here. A new Kenwood 850S/AT would be in the region of US\$1352 last I checked if my memory serves me right. A new IC-725a costs only US\$441. As you can see, the price difference is quite great, with the 850 running almost twice the cost of the 736. I am asking myself if this is going to be worth it?

> Get the TS-850S/AT with TWO 500Hz CW FILTERS. With the two filters you have
> a good "slope tune" in narrow CW mode.
> Price in the US is about \$950 on the low side for a unit in good condition.
> Worth every penny!!! I paid \$1750 new and it's definitely a keeper.

Price here is definitely much lower than in the US. A new IC-706 Mk II here runs about US\$735 only.

So for me, the homework is to determine the price/performance point. I am not really a tester but I do get into one or two every once in a while. Running a 9V1 call however, means that I am usually in a pile-up of one kind or the other. I am not sure how much difference a good receiver would make in such situations, say compared to a mid-range one like the 736?

Thanks for the comments anyway.

73 de 9V1ZV Daniel

--

```
+-----+-----+
| Daniel Wee | daniel@pandora.lugs.org.sg |
| 9V1ZV      |                               |
| QRP-L #667 | 9V1ZV@amsat.org                     |
+-----+-----+
```

Date: Sat, 27 Dec 1997 19:12:33 -0600
From: tedkell@juno.com (Ted Kell)
To: qrp-l@Lehigh.EDU
Subject: [33834] Loop Antennas
Message-ID: <19971228.145314.-32762.1.tedkell@juno.com>

While not strictly QRP, This is close enough. I recently ran across a set of routines written by R. J. Edwards, G4FGQ that cover the design of small loop antennas. The calculations are nice, but I know nothing about the physical design of these antennas. Is there a book, or web site that covers the design of this type of antenna? In general, are they effective? As, say a 1/4 wave dipole?

TIA and 72

Ted Kell
KC5CUW
Near the Johnson space Center
Houston, Texas
<tedkell@juno.com>

Date: Sun, 28 Dec 1997 13:46:08 -0800
From: "Frank A. West" <ke6vhm@earthlink.net>
To: <daniel@pandora.lugs.org.sg>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [33835] Re: New rig recommendations?

Message-ID: <199712282153.NAA18986@sweden.it.earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

I have the Icom 706 original and love it. Not as many bells and whistles as some but a small rugged rig. External speaker is needed, as the internal is too small and sounds bad. Other than that I have no complaints. Oh the MKII has a larger speaker and some filter improvements. Check out Icom's page they have the differences listed, at least they did a while ago.

TTFN 73 Frank KE6VHM / AG

Grid Square DM13

Woodcrest, CA

QRP-L #1323 / AK/QRP #269

ICQ UIN# 1778080 ASK ME!!!

CW Forever - Have Paddle will Pound

ke6vhm@earthlink.net

Date: Sun, 28 Dec 1997 15:56:32 -0700

From: wa5whn@juno.com

To: qrp-l@Lehigh.EDU

Subject: [33836] Coming to a neighborhood near You, FYBO '98

Message-ID: <19971228.155643.2798.0.wa5whn@juno.com>

qrp-lers,

Look for updates in the FYBO URL ;

<http://www.dancris.com/~ki7mn/fybo98.htm>

There will be quite a bit of activity from maidenhead grid square: DM54bc, from both Az. & NM QRP Ops, during FYBO '98. Let's see, is it a gaggle or herd of QRPers ? Anyway, a whole bunch of us will be setting up stations in maidenhead grid square: DM54bc (Pinetop, Arizona, elevation ~ 7,000 feet asl) I had complained last year, that I could not find one Az. station, now I am one, for this event. ;-) Gee, this close to Sedona, and I won't need a radio to make contact, just a crystal. :-)
Thermometer is calibrated. {NOAA Office in Albuquerque}.

Specific questions about FYBO {QRP Winter Field Day, sponsored by the Az. scQRPions}, should be directed to AB7TT, Joe Gervais, vole@primenet.com or check out the URL above.

What I did not realize, is that the Az. scQRPions are winter type critters too. ;-)

Does anyone want to do some ice fishing during FYBO '98 ?

Happy '98 to all of You...Jay, WA5WHN DM65qd
Albuquerque, NM USA

Date: Mon, 29 Dec 97 01:25:25 UT
From: "chuck munce" <k0gjx@classic.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [33837] RE: Amazing QRP Opening to Europe
Message-ID: <UPMAIL05.199712282258390700@classic.msn.com>

JIM

I told you that beam would make the big difference!!...73 chuck

From: owner-qrp-l@Lehigh.EDU on behalf of Jim/NOUR
Sent: Saturday, December 27, 1997 16:14
To: Low Power Amateur Radio Discussion
Subject: Amazing QRP Opening to Europe

I,ve been doing this QRP thing awhile now but never had a morning like this (Sat. 12/27) Here is a list of the stations I logged from 1400-1700Z, It was like being a fox, I had a pileup on me, I think someone must of put me on a packet cluster in Europe, I held a freq for 3 hours. The toughest part was trying to cut the qso's short, these guys wanted to ragchew and I wanted to get to the next guy calling me. Its all started with me calling LZ1SM/QRP, he was running 500 mw to a dipole, nice 559 sig, while working him other EU stations started calling me.....

G4JZO/QRP
GM4XQJ/QRP
HB9ATG/QRP
HB9DCL/QRP

DL2HRP/QRP
SM3CCT/QRP
G8PG/QRP
G3NIJ/QRP
OM2ZZ/QRP
G4VNL/QRP
S53BH/QRP
GM4VYE/QRP
ON5UP/QRP
DJ0GD/QRP
G4IBH/QRP
G3KKQ/QRP
DL1AUM/QRP
DL2UR/QRP-LIKE HIS CALL...
GM30XX/QRP-1 WATT
G3FNM/QRP
GM4AJV/QRP

Throw in a hand full of EU QRO stations, but the highlight was having 7X4AN/QRP (Algeria) call me, he was running 5 watts to a dipole, I told him to take the freq. and let other QRP'rs take a shot at him. I was running 5 watts to my new(old) 3 el yagi up about 40 feet.

I know I'm tooting my own little qrp horn but I just had to share this with the group, I can't remember ever having this much fun.

72's Jim N0UR

Date: Sun, 28 Dec 1997 18:10:44 -0500 (EST)
From: bruce muscolino <w6toy@pop.erols.com>
To: astone@erols.com
Cc: QRP-L@Lehigh.EDU
Subject: [33838] Re: Center Frequency of IF Crystal Filters
Message-ID: <2.2.16.19971228190228.2e5f8c8c@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The center frequency of the filter is a function of the crystals used. If you use well matched crystals, and if you take the time to tune each of the filter's meshes carefully, the center frequency will be well defined as the frequency of the crystals. Is this doublespeak? not really -- despite what

the manufacturer prints on the can, the crystal's frequency is somewhat fiddlerent. Only by measuring and matching the crystals and then tuning the meshes will the center frequency actulaay resemble any of the crystals closely.

Now, to your situation. Why do you care what the center frequency of the filter is if you are building a counter to use as a dial? The IF frequency does not change, so what information will it give you to measure it? You want to measure the VFO -- that, combined with the heterodyne crystal frequency will tell you your operating frequency. The accuracy of the measurement is not related to the IF frequency -- it is purely a function of the accuracy (and repeatability) of the VFO and the heterodyne crystal.

73

Date: Sun, 28 Dec 1997 15:39:37 -0800
From: Yong Ku Cho <sungch@nwlink.com>
To: "'qrp-l post'" <qrp-l@Lehigh.EDU>
Subject: [33839] Newbie question: Zero beat
Message-ID: <01BD13A6.DF60BDC0@ip217.pm1.nwlink.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hello everyone,

This is not a QRP question but I think here is the best place to ask.
If the incoming signal is little bit (200 ~ 300 Hz) off frequency, can I assume his/her receiving frequency is off as well.

73 N7ZEI, Yong.
QRP-L #1386, NWQRP #0466

End of QRP-L Digest 953

